ValCom Page Control System

The V-1109RTVA, Nine Zone Page Control, is a dial select microprocessor controlled page unit to be used with the EASC Centrex phone system. EASC is utilizing 7 of the nine zones. The unit may be accessed with a touch tone phone by dialing 441-3375 (3375 from a phone within EASC - no prefix required). The dialing codes are 1-7 and 0 for all call.

ValCom V-1020C Ceiling Speakers feature a removable volume control knob which can be adjusted for the desired audio level. The area covered by a ceiling speaker is determined by the height of the ceiling and any obstructions within the room. If ceiling height is 8 feet the speaker will cover 256 square feet. With a ceiling height of 10 feet, the speaker will cover 400 square feet. The average ceiling height at EASC is 9 feet. Twenty-seven speakers have been installed.

Operation:
- Obtain a dial tone.
- Dial 3375.
- Listen for two tones.
- Press the desired zone code.
- Initiate "Intercom Bells" as your introduction.
- Enunciate the message clearly into the telephone handset.
- To hang up use your fingers to depress the button in the handset cradle.

Code Zones:
1   Conference Rooms, Outside Hallway, and General meeting areas.
2   Finance Division.
3   Acquisition Management Division.
4   Systems Division.
5   Facilities and Logistics Division.
6   Human Resources Division.
7   Directors' Office.
0   All Zones Page.

Initiating "Intercom Bells" as your introduction:
Use the Intercom Bells file as a lead in for your message. The bells will act as an attention getter. It will grab people's attention so they can prepare themselves to listen to your verbal message
- Click on the following link to play the "Intercom Bells" sound file.
  Http://www.easc.noaa.gov/It/IntercomBells.mp3
- If you are given the choice "save it to disk" or "open it"; select "open it".
- Adjust the speakers volume appropriately.
- To play the bells again; click on the play arrow.
- When you are ready to use the bells to grab your audience's attention, simply play the bells while holding the telephone receiver next to your computer's speaker.

Enunciating the message:
- Enunciate the message carefully. Try to regulate your voice to a moderate pitch. Lower and moderately pitched voices resonate through the speaker system more effectively than a higher pitched voice.
- Speak into the handset. Using the speaker phone will initiate feedback through the speakers in the selected zone.

Ending the Page:
- To end the page, use your fingers to depress the button in the handset cradle. This ends the page gracefully. Returning the handset to the cradle, rather than using your finger, produces an undesirable sound which resonates through the selected page zone.
- There is a lag time between ending the phone connection and the end of a page. The Paging device waits approximately 10 seconds before recognizing the termination of a page. During that time you will receive a busy signal if you initiate a second page.

Paging Zones and associated Speakers:

Zone 1:   Six Speakers - One speaker covers the Elevators, Outside Hall area and Restrooms. Speakers are located in the All Hands Conference Room, Lunch Room, Video Conference Room, Training Room, HRD/FLD Copier Room.

Zone 2:   There are Four speakers located in the Finance area.

Zone 3:   There are Four speakers located in the Acquisition Mgmt area.

Zone 4:   Two Speakers service the Systems Division. Speakers are located in the hall and in the Server Room.

Zone 5:   There are Four speakers located in the Facilities Division.

Zone 6:   There are Six speakers located in the Human Resources Division.

Zone 7:   There is one speaker located in the Director's Office.

Zone 0:   Resonates through all 27 speakers.

Growth Options, Capabilities and Limitations:

•   Wire Runs and speakers can be added onto the existing system.

•   Two additional zones can be created.

•   Background music input and amplifier can be purchased and installed.

•   ValCom paging Control can be used with PABX, Electronic Key or 1A2 Telephone equipment (it is not dependent on the current Centrex/ISDN telephone system). It may be compatible with a VoIP telephone system.

•   Can be used with rotary dialing (has not been tested at EASC).

•   ValCom equipment is not field repairable. ValCom maintains service facilities in Roanoke, Va.

Wire Runs and Associated Zones:

Zone 1:   There are three wire runs. One wire run with three speakers services the HRD/FLD Copier Room, Training Room, and the speaker near the elevators. One wire run with one speaker services the Video Conference Room. One wire run with two speakers services the All Hands Conference room and the Lunch room.

Zone 2:   One wire run with four speakers attached.

Zone 3:   One wire run with four speakers attached.

Zone 4:   One wire run with two speakers attached.

Zone 5:   One wire run with four speakers attached.

Zone 6:   One wire run with six speakers attached.

Zone 7:   One wire run with one speaker.